

Table S1

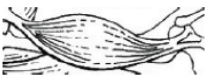


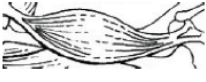








Model	Tissue	Fraction	Protein Synthesis	DNA Synthesis	New Pro:DNA Ratio	rpS6	4E-BP1
Caloric Restriction (Ref 15 & 16)		Mix	≈	≈	↑	↓	≈
		Cyto	≈		↑		
		Mito	↑		↑		
		Mix	≈	↓	↑	↓	≈
		Cyto	≈		↑		
		Mito	≈		↑		
		Mix	≈	↓	n/a	↓	≈
		Cyto	≈		n/a		
		Mito	≈		n/a		
Chronic Rapamycin Feeding (Ref 14)		Mix	↓	↓	≈	↓	≈
		Cyto	↓		≈		
		Mito	≈		≈		
		Mix	≈	↓	↑	↓	≈
		Cyto	≈		↑		
		Mito	≈		↑		
		Mix	n/a	↓	n/a	↓	≈
		Cyto	n/a		n/a		
		Mito	n/a		n/a		
Crowded Litter (Ref 10)		Mix	↑	≈	↑	≈	↑
		Cyto	↑		↑		
		Mito	↑		↑		
		Mix	↑	↓	↑	↑	↑
		Cyto	↑		↑		
		Mito	↑		↑		
		Mix	↑	≈	↑	↑	≈
		Cyto	↑		↑		
		Mito	↑		↑		
Snell Dwarf		Mix	↓	↓	↑	≈	≈
		Cyto	↓		↑		
		Mito	↓		↑		
		Mix	↓	↓	↑	↓	≈
		Cyto	↑		↑		
		Mito	↓		↑		
		Mix	≈	≈	≈	↓	≈
		Cyto	≈		≈		
		Mito	≈		≈		

Figure S1

